







Pyramidal Horn Antenna

Standard gain horn antenna with the possibility of two different surface finishes, Alodine 2040 or gold plated. H-A60-W standard gain horn antenna is made with precision and care with the latest technology to deliver accurate and reliable antenna measurements. The operating frequency is from 40 GHz up to 60 GHz with a flat Gain of 20 dBi. The H-A60-W can be supplemented with a corresponding Waveguide to Coax Adapter here. Compliant with NRL-4433 standard.

Features and Specifications

 <p>Technical Performance</p> <p>Low return loss</p>	 <p>Design and Surface Treatment</p> <p>Corrosion-resistant coating Gold plated coating</p>	 <p>Manufacturing Technology</p> <p>Manufactured using a high grade aluminum alloy Extremely durable</p>	 <p>Product Packaging Includes</p> <p>Standard gain horn antenna</p>
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Product Parameters

<p>PRODUCT IDENTIFICATION</p> <table border="1"> <tr> <td>Product Name</td> <td>H-A60-W</td> </tr> <tr> <td>Product Category</td> <td>Pyramidal Horn Antenna</td> </tr> </table> <p>ELECTRICAL SPECIFICATIONS</p> <table border="1"> <tr> <td>Frequency Range</td> <td>40 GHz – 60 GHz</td> </tr> <tr> <td>VSWR (max.)</td> <td>1.15</td> </tr> <tr> <td>VSWR (avg.)</td> <td>1.1</td> </tr> <tr> <td>Waveguide Size</td> <td>WR19</td> </tr> <tr> <td>Waveguide Flange</td> <td>UG-383/U-Mod</td> </tr> <tr> <td>Polarization</td> <td>Linear</td> </tr> </table>	Product Name	H-A60-W	Product Category	Pyramidal Horn Antenna	Frequency Range	40 GHz – 60 GHz	VSWR (max.)	1.15	VSWR (avg.)	1.1	Waveguide Size	WR19	Waveguide Flange	UG-383/U-Mod	Polarization	Linear	<p>PHYSICAL SPECIFICATIONS</p> <table border="1"> <tr> <td>Width</td> <td>31.9 mm (1.256 in)</td> </tr> <tr> <td>Height</td> <td>23.4 mm (0.921 in)</td> </tr> <tr> <td>Depth</td> <td>39.1 mm (1.539 in)</td> </tr> <tr> <td>Weight</td> <td>0.062 kg (0.137 lb)</td> </tr> </table> <p>OPERATING CONDITIONS</p> <table border="1"> <tr> <td>Rated Temperature Range</td> <td>0°C – +50°C</td> </tr> <tr> <td>Storage Temperature Range</td> <td>-20°C – +70°C</td> </tr> </table>	Width	31.9 mm (1.256 in)	Height	23.4 mm (0.921 in)	Depth	39.1 mm (1.539 in)	Weight	0.062 kg (0.137 lb)	Rated Temperature Range	0°C – +50°C	Storage Temperature Range	-20°C – +70°C
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Packaging and Accessories

<p>What's in a box</p> <ul style="list-style-type: none"> H-A60-W Antenna <p>Accessories</p> <ul style="list-style-type: none"> Standard mounting flange 	<p>Optional Accessories</p> <ul style="list-style-type: none"> AWC19F Waveguide to Coax Adapter <p>Custom services</p> <ul style="list-style-type: none"> Custom mounting solutions Custom calibration data
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Manufacturer Information

<p>About Datasheet</p> <p>Product information available also online at https://www.rfspin.com/product/h-a60-w/ <i>Data and specifications subject to change without notice.</i> <i>Datasheet revision 07-2021.</i> © RFspin 2021</p>	<p>Address</p> <p>RFspin s.r.o. Na Beránce 57/2 160 00 Prague 6 Czech Republic</p>	<p>E-mail</p> <p>info@rfspin.com</p> <p>Phone</p> <p>+420 245 008 847</p>
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